

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
3 November 2005 (03.11.2005)

PCT

(10) International Publication Number
WO 2005/102634 A1

(51) International Patent Classification⁷: **B27L 1/02**
(21) International Application Number:
PCT/FI2005/050108
(22) International Filing Date: 29 March 2005 (29.03.2005)
(25) Filing Language: English
(26) Publication Language: English
(30) Priority Data:
20045141 20 April 2004 (20.04.2004) FI
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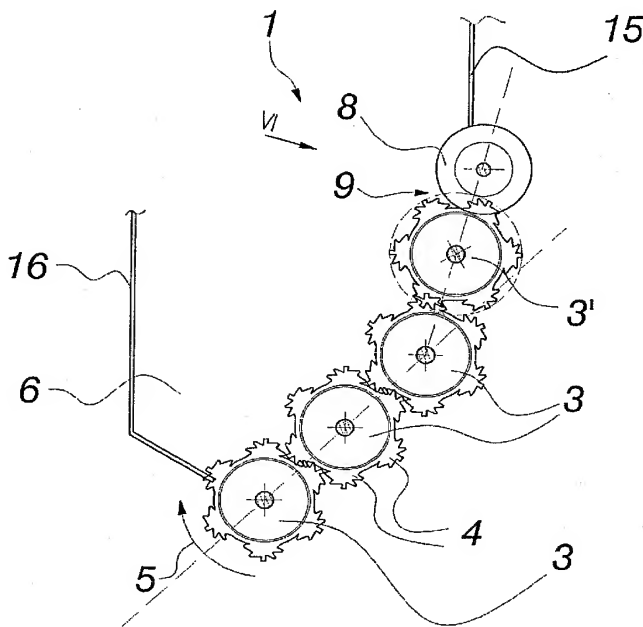
(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ,
TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA,
ZM, ZW.

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,
SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN,
GQ, GW, ML, MR, NE, SN, TD, TG).

Published:
— with international search report

[Continued on next page]

(54) Title: DEBARKING MECHANISM



(57) Abstract: The invention relates to a
debarking mechanism (1) for the excortication or
pretreatment of trees (2) for separately performed
final barking and for the expulsion of at least some
of the removed barks from a wood flow passing
through the debarking mechanism, said debarking
mechanism comprising a number of rotatable
debarking shafts (3, 3') extending parallel to an
advancing direction (A) of the trees (2) to be fed
therethrough, which are provided with a number
of teeth (4) extending beyond the circumferential
surface of the shaft (3, 3') and adapted to strip bark
off the presently processed trees (2) transversely
to the lengthwise direction of the trees and at
the same time to convey the trees transversely
relative to said shafts (3, 3'), and said shafts
(3, 3') together with the teeth thereof (4), being
adapted to constitute at least a section of a support
surface, upon which the presently processed trees
(2) travel through the debarking mechanism (1),
and said debarking shafts (3, 3') being adapted
to each other in such a way that the presently
processed trees (2) make a circular motion (C)
in the debarking mechanism, in which motion
the trees (2) are forced upon the support surface
constituted by the debarking shafts (3, 3') effected
by the rotatory motion (5) of the debarking shafts
(3, 3') in their turn into the upper position, from

which they roll down above the other trees (2) in the debarking machine (1) into the lower position. The uppermost debarking shaft (3') has been fitted together with a guiding surface (8), said surface together with the uppermost debarking shaft (3') forming a slot (9) convergent in the direction of rotation (5) of the debarking shaft (3').



— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

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